

Notice of Allowability

Application No.

10/556,129

Examiner

Thong Q. Nguyen

Applicant(s)

MURATA ET AL.

Art Unit

2872

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of 6/27/07.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached:
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

THONG NGUYEN
PRIMARY EXAMINER

DETAILED ACTION

Response to Amendment

1. The present Office action is made in response to the amendment filed on 6/27/07. It is noted that in the amendment, applicant has amended claims 1-4, 6-8 and 10-12. There is not any claim being added or canceled from the application. The pending claims 1-19 are examined in this Office action.

Specification

2. The lengthy specification which is amended by amendment of 6/27/07 has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Objections

3. The objections to claims 1-19 are objected set forth in the previous Office action are overcome by the amendment to the claims as filed on 6/27/07.

Allowable Subject Matter

4. Claims 1-19 are allowed.

5. The following is an examiner's statement of reasons for allowance:

The antiglare film as claimed in each of independent claims 1 and 11 is patentable with respect to the prior art, in particular, the U.S. Patent Nos. 6,710,923 and 6,217,176 by the limitations related to the structure of the particles disposed in the film. It is noted that an antiglare device having two kind of particles disposed in a transparent resin substrate wherein the particles have

their refractive indices different from that of the substrate and the particles have different shapes and size is disclosed in the art as can be seen in the each of the mentioned Patents, in particular, the Patent No. 6,710,923, see columns 5-6 and fig. 1. It is also noted that a particle or a microparticle has a bowl-shaped configuration is disclosed in the U.S. Patent Nos. 5,559,202 and 6,184,300; however, the element disclosed in each of the Patents '202 and '300 does not relate to an antiglare film having two kinds of different particles disposed in a transparent substrate as claimed. The device of the Patent Nos. '923 and '176 does not disclose the feature related to the bowl-shaped configuration of one of the particles disposed in the substrate wherein the difference in refractive indices of the substrate and the bowl-shaped particles is larger or equal to 0.03. It is noted that there is not any suggestion provided in each of the Patents '923 and '176 to combine the device disclosed in the Patents '923 or '176 with the particles having bowl-shaped configuration disclosed in each of the Patents '202 and '300. The structure of an antiglare film having a substrate supporting two kinds of particles having spherical and bowl-shaped configurations is disclosed in each of the Pub. No. 2006/0057344 and the Japanese reference No. 2005-189258; however, the effective filing date of each of the Pub. No. 2006/0057344 and the Japanese reference No. 2005-189258 is later than the effective filing date of the present application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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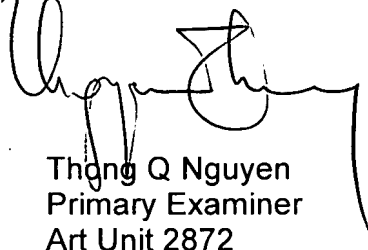
accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thong Q. Nguyen whose telephone number is (571) 272-2316. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephone B. Allen can be reached on (571) 272-2434. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Thong Q. Nguyen
Primary Examiner
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